

VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the specification:

On page 1, between lines 1 and 2, the heading -- BACKGROUND OF THE INVENTION -- has been inserted.

On page 1, line 2, the heading "DESCRIPTION" has been deleted.

On page 1, between lines 1 and 2, the subheading -- 1. Technical Field -- has been inserted.

On page 1, between lines 4 and 5, the subheading -- 2. Description of the Background Art -- has been inserted.

On page 1, in line 15, "EU 0775196" has been changed to -- WO 96/05285 (EU 0775196) --.

On page 1, in line 22, the spelling of "equalize" has been corrected.

On page 2, in line 2, the spelling of "utilize" has been corrected.

On page 2, in line 3, the spelling of "standardized" has been corrected.

On page 2, in line 4, the spelling of "utilize" has been corrected.

On page 2, between lines 5 and 6, the heading -- SUMMARY OF THE INVENTION -- has been inserted.

On page 3, between lines 16 and 17, the heading -- BRIEF DESCRIPTION OF THE DRAWINGS -- has been inserted.

On page 4, between lines 7 and 8, the heading -- DETAILED DESCRIPTION OF THE INVENTION -- has been inserted.

On page 5, in line 8, the spelling of "equalization" has been corrected.

On page 7, in line 19, the spelling of "equalize" has been corrected.

On page 7, in line 20, the spelling of "equalization" has been corrected.

In the Claims:

Claims 1-4, 6-9 have been amended as follows:

1. (Amended) Cell culture apparatus comprising a rotor releasably housing a plurality of cell culture vessels/roller bottles and with means provided to allow rotation of the rotor at a controlled speed about a substantially horizontal axis for cell incubation purposes, with further means provided to allow the rotational axis of the [said] rotor and bottles housed therein to be tilted from a substantially horizontal position to a substantially vertical position such that [a] the bottles are in an inverted position with cap [end] ends of the bottles [is] lowermost, each bottle having a body and being provided with a cap on its cap end, each cap being equipped with a fluid supply/drain connection arranged at [the] a lowest point of the cap when [said] the bottle is [disposed] in the inverted [with the cap lowermost] position, a manifold with at least one [or more] sealable external [connections] connection and a plurality of connections communicating with the fluid supply/drain connection of each bottle cap, [with] each bottle having a snorkel for venting of [the] gas space within the bottle during fluid transfer [being provided by means of a], each snorkel tube passing upwards through any fluid in its respective bottle when in the inverted position and formed as an internal extension of the [bottle] cap thereon, [said] each snorkel tube extending into the body of [the] its respective bottle and having an end opening

into the body of the bottle at a position clear of any fluid in both the bottle in the substantially vertical [or] and horizontal orientations thereof, [the said] each snorkel tube being further provided with micro-porous venting means to atmosphere, [the arrangement of the parts being such that] whereby fluid transfer into or out of the bottles is accomplished via the [said manifold] at least one external connection of the manifold whilst the [rotor and] bottles are in the [substantially vertically] inverted position.

2. (Amended) Cell culture apparatus as claimed in claim 1 in which [the] each snorkel tube is arranged to extend substantially along [the] a central longitudinal axis of [the] its respective bottle.

3. (Amended) Cell culture apparatus as claimed in claim 1 in which [the] each snorkel tube [within the body] is provided with graduations along [the] a length thereof.

4. (Amended) Cell culture apparatus as claimed in claim 1 in which [the] an end of [the] each snorkel tube opening into [the] its respective bottle is provided with a fluid trap.

6. (Amended) A roller bottle cap for use on a roller bottle having a body and adapted to allow fluid transfer into or

out of [a roller] the bottle whilst [said] the bottle is inverted substantially vertically, the roller bottle cap comprising a fluid supply/drain connection arranged at [the] a lowest point of the cap when [said] the bottle is vertically inverted, with venting of [the] gas space above [the] fluid in the bottle during fluid transfer being provided by [means of] a snorkel tube extending upwards through the fluid, [said] the snorkel tube having an end opening into the body of the bottle at a position clear of the fluid therein.

7. (Amended) A roller bottle cap as claimed in claim 6 in which the snorkel tube is arranged to extend substantially along [the] a central longitudinal axis of the bottle.

8. (Amended) A roller bottle cap as claimed in claim 6 in which the snorkel tube [within the body] is provided with graduations along [the] a length thereof.

9. (Amended) A roller bottle cap as claimed in claim 6 in which [the] an end of the snorkel tube opening into the bottle is provided with a fluid trap.

In the Abstract:

The abstract has been amended as follows: